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Antibacterial inorganic ceramics and its production technology

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Abstract

An antibacterial inorganic ceramics is prepared from antibacterial active components including nm silver, nm silicon oxide and nm alumina sol through proportioning, stirring, regulating pH value, laying aside, drying, ball grinding the mixture of antibacterial material and enamel material, coating on surface of ceramics and sintering. Its advantages include simple process, no decolouring, and high antibacterial power.

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